

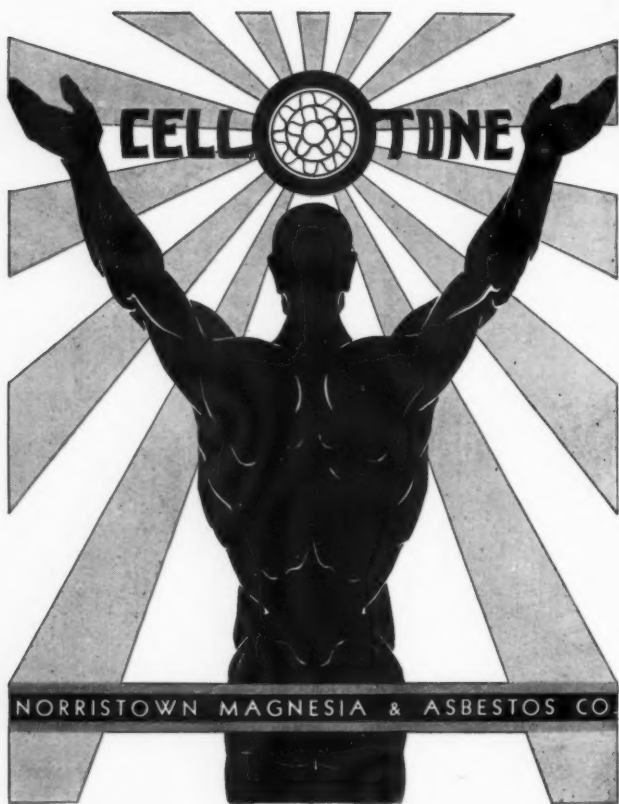
ASBESTOS



JULY 1931

A MONTHLY
MARKET JOURNAL
Devoted to the Interests
of the Asbestos and
Magnesia Industries

1701 Winter Street
Philadelphia, Pa.



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... ASBESTOS ...

A MONTHLY MARKET JOURNAL
DEVOTED TO THE INTERESTS OF THE
ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER

EDITOR

PUBLISHED BY SECRETARIAL SERVICE

1701 Winter Street
PHILADELPHIA, PENNSYLVANIA
C. J. STOVER, Owner

Entered As Second Class Matter November 23, 1923, at the Post
Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879

Volume XIII

JULY 1931

Number 1

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SUBSCRIPTION PRICE

U. S., CANADA AND MEXICO	\$2.00 PER YEAR
FOREIGN COUNTRIES	3.00 " "
SINGLE COPIES	.25 EACH

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July 1931

Page 1

ASBESTOS

Aluminum Foil as Insulation

(An explanation of recent newspaper articles.)

Newspaper reporters no doubt get paid in exact ratio to the amount of sensational statements they can crowd into their allotted space. Perhaps, therefore, we should not judge them too harshly when they make a startling story out of an ordinary happening.

When newspaper headlines distort scientific facts, however, it is quite time to demand an explanation.

Some of you have perhaps read in recent papers accounts of the tests being made at the mechanical engineering laboratory of the Pennsylvania State College on insulating pipes with aluminum foil. The experiments are being conducted by F. C. Stewart, Associate Professor.

Some of these accounts are headed with the statement:

*"Thin Tissue of Aluminum is Found Heat Insulator."
"More Effective than inch of Asbestos, Tests Reveal."*

We quote a paragraph or two telling of these experiments:

"Four experimental steam pipes in the mechanical laboratory tell the story. One is of bare iron, another covered with a single sheet of asbestos paper, a third with asbestos an inch thick and the fourth with only a single wrapping of the flimsy foil. The aluminum foil reduces heat loss from the pipe by 25 per cent. *Equally as surprising as the effects of this thin sheet of metal are the results of using a single sheet of standard insulating material.* This causes a 10 per cent greater loss of heat than bare pipe."

A most garbled account of what really happened.

We wrote Prof. Stewart, and he very kindly gave us the exact results of the experiments.

No one, not even Prof. Stewart, was surprised at the results of "a single sheet of standard insulating material," because, as a matter of fact, this "standard insulating material" was nothing more than a piece of asbestos paper, not

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a standard insulating material by any means, and everyone who has ever had anything to do with insulation knows that wrapping a pipe with asbestos paper, increases rather than decreases the radiation. (See article on page 5 of the September 1920 issue of "ASBESTOS," "Warm Air Furnace Insulation").

In the second place the "asbestos an inch thick," was, according to Prof. Stewart's letter, $1\frac{1}{2}$ " thick Magnesia. And Prof. Stewart gives us the results of the tests as follows: "These tests were qualitative and were not intended to be quantitative, due to the great number of variables involved. The heat loss was greatest in the pipe covered with one thickness of asbestos paper; next the bare pipe; next the aluminum foil; and next the $1\frac{1}{2}$ " thick Magnesia."

The aluminum foil insulation is, we understand, manufactured in Germany under German patents, is known as "Alfol" and is handled in this country by the Alfal Insulation Co., Chrysler Bldg., New York City.

The July 1931 issue of "Refrigerating Engineering" (Journal of the A. S. R. E.) contained an article entitled "Aluminum Foil Insulation" by Max Breitung. According to this article aluminum foil insulation has been used with great success for both heat and cold insulation in various well known German ships, including the "Bremen," and it is pointed out that Alfol is particularly desirable for use aboard ship because it weighs 3 oz. per cubic foot in contrast to 17 lbs. per cubic foot for Magnesia.

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Cemesto Board

The brief mention made in our June number of Cemesto Board must have aroused the curiosity of readers as to just what this board really is, and its purpose in the industrial world.

A sample lies before us as we write. Those of you who have seen Celotex can easily visualize Cemesto, for Cemesto is simply Celotex Insulating board, made in thicknesses from $\frac{1}{2}$ " to 2", incased between two $\frac{1}{8}$ " layers of asbestos cement. In other words it is Celotex Board with a thin ($\frac{1}{8}$ ") piece of asbestos wood or lumber on each side of it.

Do not imagine, however, that you can easily pull the asbestos cement board away from the Celotex. It is bonded with a special waterproof adhesive; furthermore the bonding is done while the asbestos cement sheet is still wet.

Cemesto was designed primarily for use where a fireproof insulating board is required. It is also waterproof and resistant to many types of acid and acid fumes. In places where the insulating board needs to be fireproof on only one side, it is furnished with only one facing of Asbestos Cement, the other side being plain Celotex.

This new type of board is found useful in the construction of low temperature dryers, industrial partitions and wainscoting, air ducts and on all types of exterior surfaces where a combination of insulation and fire protection is desired. It comes unfinished except for the soft mottled grey color of the asbestos cement, but can be painted if desired. The standard size sheet is 4' x 8'.

The insulation value of this new Celotex product is the same as that of plain Celotex— a thermal conductivity of .33 B. t. u. per hour, per square foot, per inch thickness, per degree F. It may be cut with carpenter's saws, power saws or carborundum wheels.

Samples and further information will be gladly supplied by the Celotex Company, 919 North Michigan Avenue, Chicago, Ill.

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Lockland, Cincinnati, Ohio

"Asbestos & Insulation Specialist for 58 Years"

Russia

A reply to the article by Mr. MiKadze, published in our June issue, has been written by E. Shaaf-Regelman of New York City, President of the Regal Asbestos Mines in Arizona:

The last reply of the Amtorg representative, published in your June number would indicate that he is now satisfied that the cost of labor in the Russian asbestos mines compares very favorably with that in other mining districts from a Soviet administration viewpoint.

But what about so-called Russian statistics? I think that we should find a new classification for them.

I dare not impose upon the editor's good nature by usurping too much space to contradict what is so flagrantly incorrect. Therefore, I shall select only a few of the most illuminating, or should I say "obscuring", statistical items:

"The first commercial shipment of asbestos directly from the Soviet Union arrived in the United States on November 20th, 1929", says Amtorg, but fails to mention that over 1,000 tons of Russian Crude came here that year from a German port prior to this date. Poor Amtorg admits blushing that they have sold less than 300 tons in 1930, but doesn't tell us how much has been sold by their agents.

Selling affects the market less than injudicious offering. Up to the beginning of 1929, asbestos purchases were made on a yearly contract basis by all large users, but when the majority of them were offered the bulk of their yearly requirements at 20% below ruling values, and further reductions in price were promised for an increase in quantities— and this policy started before the middle of 1929— the bottom dropped out of the market and the Russian bottom has not been reached yet.

Apparently we are all supposed to feel grateful that Amtorg has bought during 1930 \$71,438 worth of asbestos products! This should boost the stock market.

There is one more item of interest: 64% of the Russian Crude, we are told, is short grades. How short?

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Hundreds of tons are "refuse" valued at \$22 per ton. Where? In Russia or c. i. f. New York or delivered at middle western or California points?

It is said that the Russian asbestos being brought in now under bond is for re-export after having been conditioned in a nearby plant, and we all hope that the government will watch proceedings closely, as it is easily possible that the "short grades" might be made into "long grades" by processing and that a tonnage of "refuse" might be accumulated from all the Russian asbestos in this country to equal the tonnage to be exported in order to satisfy the bond.

A. S. Runacres, of Manganexport, Berlin, Germany, who is well known to many of our readers, gives us his views on the Russian situation:

I have naturally read with the greatest interest the various articles on the Russian asbestos situation which have been appearing in recent issues of "ASBESTOS", and as I am now closely connected with the sales of Russian asbestos in Europe I feel that a statement of my own views on the matter may not be out of place.

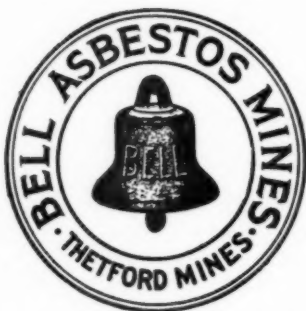
Let us first try to look at the Asbestos Market quite impersonally. As is well known, the industry which consumes by far the largest tonnage of asbestos is the asbestos cement industry. I have been told repeatedly during the last few years by all the leading asbestos cement manufacturers on this side that the prices of shingle stock fibres were much too high, making it extremely difficult for asbestos cement to compete successfully with natural slates, clay tiles, wooden shingles, galvanized iron sheets, etc. Whilst it is perhaps a habit of all manufacturers to complain of the high prices of raw materials one must admit, looking at the pre-war prices of asbestos, and at the trend of prices up to the end of 1929, that the complaint was justified.

The next point is that, as Mr. Godfrey of the Cape Asbestos Company pointed out in your January number, the quality of Russian fibre is very high, and is fully appreciated by all manufacturers, so much so that in spite

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of other fibres being available in large quantities, a strong demand exists and will continue to exist, for Russian fibres.

It is only natural, under the Soviet plan for the industrialization of Russia, that more and more importance should be attached each year to the development of its natural resources, which are the lifeblood of the country, and which enable the Soviet to finance its plans and to pay for the enormous amount of material of all kinds which has to be purchased from the outside world.

It is commonly known that Russia has vast deposits of asbestos, most of which are comparatively easily worked, and which contain a high percentage of good fibre. Under the Soviet system of nationalization of all industries, the costs of production, such as labor, power, transport, shipping, etc., cannot be calculated on the same basis as in other asbestos producing countries. It is reasonable to assume, however, that if the Russian mines were being worked by private enterprise, and relied on private Companies for power, transport, etc., even then, if sufficient capital was available for development on a large scale, the fibre could be produced and sold at prices which would prove a serious menace to other producers not so favorably situated as regards the extent and nature of their deposits, and the quality of their fibre.

I suppose no one would contradict the assertion that if any of the other producers of asbestos suddenly, by some freak of nature ran into a deposit giving an abnormally high yield of good quality fibre, or discovered some revolutionary method of mining or milling, with the result that working costs were suddenly and drastically reduced, that fortunate producer would not hesitate, but would at once put its fibre on the market, at a price which would seriously hamper other, and less fortunate, producers.

It seems to me, therefore, that the Soviet cannot be denied the full right to exploit its rich deposits of asbestos to the best advantage, but it is absurd to suppose that this asbestos is being sold below the cost of production. I believe that producers generally have known for many

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years that, if and when Russia came seriously into the asbestos market again, prices were bound to fall, both because of the increased tonnage of asbestos which would be available, and because of the favorable nature of the Russian deposits, if developed and worked on a large scale by up-to-date methods.

The fall in prices has, however, been occasioned not so much by Russia's entry into the market as by the general overproduction of asbestos and depression in trade. This seems quite clearly proved, for we see exactly the same chain of events — overproduction, fall in prices, the squeezing out of weak producers — in the case of other raw materials of which Russia has never been a producer.

It is said that manufacturers generally would much prefer a stable reasonable price for raw materials than alternating periods of high and low prices. This is probably true in principle, but the difficulty would seem to be to determine, bearing in mind the very divergent interests of producers and consumers, what that reasonable price should be, and even then what is to prevent any producer, who may at some time or another be in an exceptionally favorable position as compared with his competitors, from making a lower price in an effort to obtain a larger share of the market.

The ideal method for all concerned would seem to be the formulation of a scheme for close and honest cooperation between all asbestos producers to adjust production to the absorption capacity of the market, and to share the market fairly between themselves. Such a scheme is difficult to bring into operation because of the differences in viewpoint between those producers who are also manufacturers, and those who are producers only, but it seems to me not impossible to visualize such cooperation, and in general it may be said that the Soviet authorities would be willing to consider such cooperation, provided, first that the Soviet's right to a large share of the market was conceded, and secondly, that the cooperation of producers should not be used for the purpose of exploiting the con-

ASBESTOS

sumers, and particularly the small and independent consumers, of asbestos.

I have enormous faith in the future of the asbestos industry as a whole, and believe there will eventually be room for all existing producers to work on a profitable basis. The present times are difficult for all concerned, but if other producers will recognize that the entry of Russian asbestos in to the world market in large quantities is a fact to be accepted, and to be taken as a basis for all negotiations; then the first step towards cooperation will have been taken.

I hope that representatives of other asbestos producers and also consumers will express their views in your pages, and I should equally welcome any correspondence addressed to me personally on the matter.

CORRECTION

Readers should make a correction in their June issue. On page 18, in the article on Russia, the last sentence reads: "In 1930 the Amtorg Trading Corporation purchased for the Soviet Union \$7,438 worth of asbestos products."

The figure should have been \$71,438, the error having been made by our printer and not caught in proof reading.

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T H E T F O R D M I N E S

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CANADA

Solomon Weingarten

"The Father of South African Asbestos", Solomon Weingarten, died in Germany, on April 3rd last, from a stroke of apoplexy.

Mr. Weingarten was born in Cassel, Germany seventy-five years ago. He went to Africa in 1879 to take a position as assistant in a trading store at Griquatown. He soon launched out into business on his own account and was at different times trader, hotel keeper and speculator in livestock. He was full of restless energy and for a time was interested in Orange River irrigation and planning of townships in the Hay District.

Eventually crocidolite (blue asbestos) mining attracted his attention and soon engaged practically all his time. The Hay Asbestos Syndicate, of which he was the moving spirit was formed in the early nineties. Under this name or that of the Carn Brea Asbestos Syndicate he carried on mining on various properties and supplied asbestos to manufacturers in Germany, England, America and elsewhere. He owned freehold rights over many different farms at various times, most of which he disposed of but up to the time of his death work was being carried on under his name in two or three places.

In conjunction with his brother Siegmund he founded a lapidary business in Nauheim, Germany, and was therefore interested in tiger-eye (gem crocidolite).

Later when Amosite asbestos was discovered in northern Transvaal Mr. Weingarten became interested in it and in 1915 took over two properties, forming a company, Egnep, Ltd., in order to work on a larger scale and push the new fibre in the world markets. A small factory was erected at Cape Town where the material was graded and even chopped into short lengths, fibres from 8 to 17 inches being useless to the manufacturers. His production of amosite increased from 55 tons to 3192 between 1915 and 1917 but war and other difficulties brought the company into trouble and the whole concern was eventually taken over by the Cape Asbestos Company, Ltd., the present owners of the mine.

Mr. Weingarten married a German lady who came

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Rhodesian Crude

South African Blue Crude

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to Griquatown as governess over 30 years ago, and her death from cancer in 1927 affected the old gentleman very deeply, for the couple were strongly attached to each other.

Mr. Weingarten was probably the best known figure in the African Asbestos Industry.

The New Pittsburg Warehouse of The Smith-Faris Company

The attractive new warehouse of the Smith-Faris Company at Pittsburg, contains about 10,000 square feet of floor space and has been built especially to take care of the increased business of the company, which represents the Keasbey & Mattison Company in Eastern Ohio and Western Pennsylvania territories.



In addition to the Pittsburg warehouse, the Smith-Faris Company maintains a large warehouse and offices at Youngstown, Ohio.

The officers of the Company are Ray L. Smith, President, and R. C. Hodges, Vice President, who are in charge

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A New Dryer

A loop dryer (with impregnating tank) designed to provide rapid drying at moderate temperature, without tension, and to provide high capacity per foot of floor space,—sounds like a good investment.

Such is the dryer recently designed by the Philadelphia



Drying Machinery Company at 3351 Stokley Street, Philadelphia. The equipment is a variation of the standard Hurricane dryer, and while it was originally designed for handling asbestos fabrics it can be

adapted for drying various types of textile fabrics, artificial leather, punched floor coverings and other materials.

Asbestos fabric to be dried is delivered to the machine in large rolls, which are mounted upon a stand so that they are free to revolve and feed the fabric to the impregnating tank. After passing thru the impregnating tank the material enters the feeding mechanism of the dryer, which automatically forms it in loops or festoons over the poles of a conveyor. While travelling thru the machine, the material is dried by currents of warm air and upon emerging it is again wound in rolls.

It is especially useful in drying brake lining.

The Philadelphia Drying Machinery Company will be glad to supply further information.

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The Growing Importance of Finish in Pipe Covering

More and more attention is being given to the beautifying of utilitarian articles, merchandisers finding that often where the usefulness of an article will not sell it, its attractive appearance will make the sale readily.

Insulation is a good illustration of this. Color, neatness, beauty—are being demanded in pipe covering, especially so in hospitals and other public institutions where the pipes are very often exposed. The use of basement (or cellar) for purposes other than the storing of coal, fruit, vegetables and odds and ends, is another reason for this added interest in appearance of the steam pipes.

The latest addition to attractive coverings for pipes, is Taft's Ideal Pipe Covering¹ with the expansion feature.

P. M. Taft of the P. M. Taft Asbestos Co., Inc., Holyoke, Mass., has been granted a patent on a special jacket for coverings, this jacket replacing the old, dirt catching canvas.

This special jacket is furnished in three very attractive colors—white, silver and gold. Special colors to harmonize with any desired color scheme can also be furnished at a slight additional cost. This jacket has a high gloss finish, making cleaning easy.

The expansion joint is a special feature and takes care of the shrinkage of the covering—each section being allowed to travel free of the others and yet the joint is at all times covered. This not only makes for more efficient heat saving but does away with the unsightly breaks in covering lines—the cause of numerous complaints; in fact the covering when finished is said to look like a continuous piece with no joints to be seen.

The covering with its special jacket is easy to apply; in fact the work of applying is more than cut in half; three sections, it is said, can be applied in the same time as it takes for one of the kind where canvas, paste and paint must be used.

The special jacket makes the covering slightly higher

¹ Sample on display at the office of "ASBESTOS."

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and WASTE OF FUEL FROM UNCOVERED PIPES



TAFT'S IDEAL
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Colored

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Choice of Standard Colors
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Where else, at any price can you get all these Features in Pipe Covering—Exclusive Expansion Element—Colored High Gloss Finish—Faster application and elimination of paste, pail and dirt.

Outstanding Features as noted above will merit most serious consideration as advantages to be gained in the choice and use of **TAFT'S IDEAL EXPANSION PIPE COVERING.**

Write for prices and samples.

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in price than regular covering, but the smaller cost of application more than offsets this. Provision is made for the covering of fittings so that the work is easily accomplished and does not detract from the appearance of the job.

The P. M. Taft Asbestos Co., claiming to be the real originators of the deviation from the old time method of applying and painting sectional pipe covering, believe they have a really valuable addition to the pipe covering line.

Why Synthetic Asbestos?

In our June 1930 number we commented on an article which appeared in the April 16th issue of the Mining and Industrial Magazine published in Johannesburg, which referred to a patent on Synthetic Asbestos and implied that the granting of this patent had more than a little to do with the world-wide fall in the price of asbestos. Naturally we labeled the idea as ridiculous.

There are a number of real reasons for the decline in prices of asbestos, not the least of which is the general business depression, but certainly the granting of this patent on synthetic asbestos had very small, if any, part to play in the downward trend of asbestos prices, especially as when the descent began, probably not more than one person out of a thousand in the Asbestos Industry had ever heard of the patent.

Now there is being circulated among the asbestos industry reprints of the article mentioned. Whether the purpose of the reprint is to attract the gullible to invest in a project to manufacture synthetic asbestos, or for some other more worthy, if mistaken object, we have not yet been able to learn.

What reason is there anyway for the production of a synthetic asbestos, when thousands of tons of the real article, of very much better quality can be had at extremely low prices in Canada, Africa, Russia, Arizona, Cyprus and other parts of the world.

It would seem advisable for those who may be interested in this synthetic asbestos patent to inquire rather carefully into the present asbestos market situation before going too heavily into the manufacture of the article.

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CONTRACTORS AND DISTRIBUTORS PAGE

THE IMPORTANCE OF THE AIRCELL INDUSTRY

Because a great many orders for aircell insulation call for small lots of material—because the standard aircell covering is suitable only for the smaller heating system, many get the idea that the aircell industry is comparatively small and unimportant.

True, the average installation of aircell on a home heating system stands the owner only about \$60.00, but, do you know that sales in the low pressure field run between four and a half and six million dollars annually? Let us put it down in figures—between \$4,500,000 and \$6,000,000 annually.

And this includes only the material; when installed in the form of contracts, it unquestionably totals three times that much.

Do you insulation contractors realize that you are a part of a \$15,000,000 to \$18,000,000 business? Probably not, but actual figures will bear out the statement.

And this is only one side of it.

The importance of an industry can be measured by its sales in dollars, but after all its real importance can be measured only by its service to mankind. And in this respect the aircell industry ranks high, far above even the eighteen million dollar mark!

Aircell saves coal. It gives the user more heat for less money. How much coal does the average aircell installation save in one year?

And how much coal, and money, are saved to the general public each year thru the use of Six Million Dollars worth of Aircell? Just try to figure it out.

Added to these factors is the one of employment. Hundreds of men are employed in the manufacturing and application of aircell.

It is a real industry and deserves the best you can give in service and satisfaction to the consumer. Don't let anyone tell you it doesn't!

Wage Rates. Seattle, Wash., now has a rate for asbestos workers of \$10.00 a day, this scale having been into effect since May 1st, 1930. Prior to that time they were receiving \$9.00 per day. Odd that the International Association of Heat & Frost Insulators did not report this change in their last list.

The Asbestos Bureau, Inc., sponsors of the "C-I" plan, will gladly supply to any inquirer, informative material and full data on the operation of Certified Insulation. Address C. A. Parks, Manager, at 234 Securities Building, Seattle, Wash.

ASBESTOS

Paper (Asbestos)—Cont'd.

Oct. 1921—5	In Filing Cabinets
Oct. 1923—16	Uses of Paper & Millboard
Feb. 1924—29	Paper Standards
June 1924—32	Standards
July 1925—14	Penstock Joint
Nov. 1925—12	Manufacture and Use
Feb. 1926—14	Manufacture and Use
July 1926—38	Simplified Practice Pays
Nov. 1926—26	Standardizing Paper
Dec. 1926—6	Manufacture and Use.
Dec. 1927—4	Simplification
May 1928—18	First Use of Asb. Paper
Nov. 1928—27	Paper & Mlbd. Standards

Production Statistics.

In every issue beginning August 1922.

Previous figures not complete.

Yearly Summaries generally Appear in April.

Yearly Production Graph in April issues.

Rhodesia.

Dec. 1919—20	Activities in Rhodesian Fibre
Dec. 1920—42	Items of Int. concerning S. Africa.
Jan. 1921—42	Rhodesian Notes
Mar. 1923—12	Development & Growth

Roofing (Asbestos).

Dec. 1920—5	Shingles
Apr. 1921—5	Built Up
Nov. 1922—10	Asb. Protected Metal
May 1923—14	Prepared Rag Felt
June 1923—18	Prepared Roofing
Jan. 1924—6	Corrugated Sheathing
Feb. 1924—8	Corrugated Sheathing Applying
Aug. 1925—30	Selling Advantages of
Mar. 1926—3	Robertson Process Metal
Oct. 1929—16	Protects Bldgs.

Roofing (Various).

July 1927—2	Copper
Sept. 1927—2	Lead
Nov. 1927—18	Tin
Feb. 1928—13	Zinc
Jan. 1929—22	Slate
Apr. 1929—6	Tile
Oct. 1929—20	Wooden Shingle
Mar. 1930—10	Corrugated Iron
Aug. 1930—2	Ready & Prepared Rfgs.

Russia.

Mar. 1921—25	Russian Asb. Industry
Apr. 1921—51	Facts about Russia Prod.
June 1921—47	Land of Unfulfilled Promise
Nov. 1922—34	Foreign Asb. Fields

ASBESTOS

Feb. 1923—24	Foreign Field Notes
Oct. 1923—20	Notes on
Nov. 1923—12	Notes on
May 1925—14	Russian Asb. Industry
Sept. 1925—12	Altai Highlands
July 1928—22	Progress in Russia
Nov. 1930—28	Russian Asbestos
Dec. 1930—4	This Russian Situation
Dec. 1930—22	Foreign Trade in Soviet Union

Synthetic Asbestos.

Feb. 1930—20	Grossman
Mar. 1930—16	Grossman's Patent
Dec. 1930—26	Another Synthetic (Citrus)

Tables for Contractors.

Feb. 1928—32	Canvas Table
Mar. 1928—32	Screwed Fittings
Apr. 1928—32	Flanged Fittings
Sept. 1928—35	Flanged Fittings Permanent
Nov. 1928—36	Flanged Fittings Removable
May 1929—39	Hairfelt for Brine Work
Sept. 1929—44	Anti-frost Ins.
Apr. 1930—40	Ice Water Cork Fittings
June 1930—42	Brine Thickness Cork Molded
Oct. 1930—42	List Pr. Calculator

Tape.

Feb. 1930—14	Engine Cab Pipe Covering
Jan. 1922—5	Mfr. & Use
Apr. 1929—27	American Museum

Tasmania.

Nov. 1920—40	Asbestos in
May 1921—38	No Production
June 1922—31	No Production

Tests.

Dec. 1919—15	Asbestos Fibre
Jan. 1920—12	Screen Test & Prices
Jan. 1920—18	Correction (Asb. Fibre)
Aug. 1920—13	Aviation Suits
Oct. 1921—39	New Grade Standards
Sept. 1922—5	Fibre and Millboard
Jan. 1923—30	Blue Asb. Mattress Coverings
May 1923—38	Fusing Point of Asbestos
Dec. 1923—34	Resistance of Asbestiform Minerals
Jan. 1924—40	Theatre Curtains
July 1924—14	Theatre Curtain
May 1926—36	Brake Lining

Textiles (General).

July 1924—32	Difficulties in Selling
Oct. 1924—37	Difficulties in Mfg.
Mar. 1925—10	Making Incombustible Cloth (1745)
Apr. 1925—30	Testing & Defining

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A S B E S T O S

Theatre Curtains.

- Apr. 1922—26 Editorial
- May 1922—33 Editorial
- Apr. 1923—6 Asbestos or other Fireproof Material
- Jan. 1924—40 New Asbestos Theatre Curtain
- July 1924—14 Fire Test of Theatre Curtain
- Dec. 1926—12 State Requirements for
- June 1927—12 Phila. Code Revised
- Sept. 1927—20 Phila. New Code
- Feb. 1929—22 Survey
- May 1929—15 Largest in World
- May 1929—27 Survey
- Sept. 1929—42 Averts Stampede
- Dec. 1929—19 Curtain for Schools (Penn.)

United States (See also Arizona).

- Jan. 1920—31 Philippines
- Aug. 1920—33 Alaska
- Mar. 1921—41 Vermont
- Oct. 1921—41 California, Utah
- Oct. 1922—37 U. S. Production
- Mar. 1923—36 California
- Sept. 1924—40 Idaho
- Feb. 1925—9 Washington
- May 1925—22 Idaho-Montana
- Jan. 1926—18 Philippines
- May 1926—13 Wyoming
- May 1926—27 Georgia (Hollywood)
- Aug. 1927—12 Georgia.—Geo. Peculiarities
- Sept. 1927—8 Early Discovery & Production

United Kingdom.

- Dec. 1919—19 Asb. Ind. in Great Britain
- Dec. 1930—16 Asb. Industry in

Uses (General Lists).

- Oct. 1923—16 Paper and Millboard
- Oct. 1923—16 Certain Industries
- July 1925—28 List of Uses
- June 1926—32 Yarn
- Nov. 1930—18 List of Products
- Dec. 1930—28 Additions to List Products

Uses—Odd.

- Feb. 1921—37 In electric iron
- May 1921—30 Hauck Preheating System
- June 1921—43 Elec. Lifting Magnet
- Oct. 1921—5 Filing Cabinets
- Dec. 1923—19 Oven.
- Mar. 1924—38 Padded Cell
- June 1924—19 Dryer Felts
- July 1924—41 In soldering
- July 1924—41 Lining Auto
- Aug. 1924—30 Expansion Joints
- Sept. 1924—41 Marionettes

A S B E S T O S

Dec. 1924—14	Asbestophalt Pavement
Jan. 1925— 9	Whiskers for Santa
Mar. 1925—24	Imp. Field Coil Insulation
Apr. 1925—20	Condensite Celoron
Apr. 1925—35	Argus Caulk
May 1925—24	Asbestos Guards
June 1925—26	Japanese Nightingales
Oct. 1925—26	Glazing
Nov. 1925— 4	Cleaning Properties
May 1926—11	Cork & Asb. Walls
June 1926—20	Babbitting
June 1926—37	Edges of Hair Belting
July 1926—36	Dustless Furnaces
Sept. 1926—40	Vibration Mat
Oct. 1926—18	Doors
Dec. 1926—16	Filtering Oil
Jan. 1927—33	Shield for Ind. Furnaces
Feb. 1927—12	Oil Filter
Feb. 1927—14	Soil Corrector
Mar. 1927—28	Veneering
Apr. 1927— 8	By animals
Apr. 1927—10	Stack Repair
Apr. 1927—16	Fireproofing Lead Cable
Apr. 1927—18	Controlling Aluminum Temperature
May 1927—42	Protects Motors
Aug. 1927—12	Hood on asphalt heater
Dec. 1927— 4	Fire Controller
Feb. 1928—18	Asb. Movie Screen
Mar. 1928—30	Ins. Glue Pots
Apr. 1928— 3	Expansion Joint
June 1928—22	Blanket in Cleaning establishment
June 1928—14	Washing Machine
July 1928—13	Extension Tube
Nov. 1928—14	Pressing Hats
Mar. 1929— 3	Sound Absorbing Plaster
Apr. 1929—27	Amer. Museum of Natural Hist.
May 1929—30	Race Track
June 1929—46	Flooring
June 1929—41	Sealing Registers
Sept. 1930—23	Beauty Shops
Sept. 1930—40	Carbuoy Bottles
Oct. 1930—26	Railways

Various Asbestos Products—Description.

May 1920—35	Chimneys
Sept. 1923—13	Clay
Dec. 1924—14	Asbestophalt Pavement
Apr. 1925—20	Condensite Celoron
Apr. 1925—35	Argus Caulk
Apr. 1927—12	Wallboard
Jan. 1929—32	Flooring—Asbestolith

A S B E S T O S

Mar. 1929—3	Sound Absorbing Plaster
May 1929—22	Mileco B. Brake Lining
June 1929—46	Flooring Rubber Tex-Tile
July 1929—28	Wallboard
Feb. 1930—3	Wallboard
May 1930—22	Carey Aluminite
May 1930—32	Grey Rock Eagle B. L.
Oct. 1930—18	Firecrete

Various Locations of Asbestos (Not Previously Listed).

May 1921—19	Cuba
June 1921—31	Germany
Feb. 1922—22	Spain
Oct. 1922—7	Mexico
Dec. 1922—35	Switzerland
June 1923—42	Switzerland
Nov. 1923—27	Bavaria
Nov. 1923—27	Bolivia
Nov. 1923—27	Portugal
Nov. 1923—27	Spain
Dec. 1923—42	Venzuela
Aug. 1924—9	Madagascar
Aug. 1924—27	New Zealand
Dec. 1924—9	Brazil
Mar. 1925—40	Iceland
Mar. 1925—40	Greenland
Apr. 1925—14	Brazil
Jan. 1926—38	Br. Columbia
Oct. 1927—48	Czecho Slovakia
Mar. 1928—25	Austria
Aug. 1928—27	Madagascar
July 1929—16	Manchuria

X-Ray

Jan. 1928—29	X-Raying Asbestos
Aug. 1928—3	Identification & Specification

Yarn.

May 1920—24	Numbering
Mar. 1921—5	Gas Mantles
Jan. 1922—62	Numbering European
May 1922—5	Insulating Wire
Jan. 1924—20	New Yarn 100% Asb.
June 1926—32	Practical Uses
Apr. 1927—3	Amer. Soc. Testing Matls.
July 1929—6	Yarn Numbers
Apr. 1930—10	Determining Cotton Content
Mar. 1931—8	Dyed Asbestos Yarns

[THE END]

ASBESTOS

A Century Old Business

July 21, 1931 will mark the hundredth anniversary of the founding of the Philadelphia Quartz Company, large manufacturers of Silicate of Soda, and well known to many of our readers.

The history of their hundred years in business is contained in a most attractive and readable brochure "Beginning Another Century".

The business was founded by Joseph Elkinton and began, at what is now 783 (then 377) South Second street, Philadelphia, Pa., the manufacture of soap and candles. Now the entire company, whose headquarters are at 122 S. 3rd Street, with eight or nine factories scattered thruout the United States, is devoted to the manufacture and sale of soluble silicates.

If you have ever received a communication from the Philadelphia Quartz Company, of any kind whatever, you will find that it bears the salutation "Respected Friend" rather than the more modern "Dear Sir", this dignified courteous phrase having been used by the founder and continued by the company until this day.

Silicate of Soda is largely used by the Asbestos Industry, the most important function it performs being in connection with the manufacture of aircell pipe covering.

CANADA'S ASBESTOS MANUFACTURING INDUSTRY

Statistics of Canada's Manufactured Asbestos have just been released by the Dominion Bureau of Statistics.

	1927	1928	1929	1930
No. of Plants	13	14	12	11
Capital Employed	\$2,860,945	3,064,164	2,949,712	2,316,645
Av. No. Employees....	300	345	351	306
Salaries and Wages ..	\$ 358,959	421,448	359,433	401,490
Cost of mats. at works	\$ 797,975	925,661	1,348,460	1,327,025
Selling value at works	\$1,663,300	2,050,432	2,286,638	2,301,924
Value added by mfg. ..	\$ 865,325	1,124,771	938,178	974,899

ASBESTOS

Nicolet Asbestos Mines Limited

DANVILLE, P. Q., CANADA

ASBESTOS FIBRES

of

SUPERIOR QUALITY

from the

DANVILLE DISTRICT

Suitable For the Manufacture of

SHINGLES, MILLBOARD, PAPER, CEMENTS

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ALEX. R. MARTIN, *President*

Nicolet Asbestos Mines Limited

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25 BROAD STREET, NEW YORK

CABLE ADDRESS

NICOBEST NEW YORK

Sole European Distributors

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PARIS, FRANCE

ASBESTOS

MARKET CONDITIONS

General Business.

"The President's Proposal," says the monthly letter sent out by the National City Bank of New York, "already has to its credit a remarkable resurgence of confidence and activity in all markets, and has measurably lightened the strain of fear and unsettlement under which business has been laboring Beginnings of commodity market improvement have appeared even before the President's announcement, prices having made their lows in the forepart of the month. Thereafter all the weekly price index numbers turned upward, some advancing for three consecutive weeks."

The stock market was also favorably affected by the announcement of the President. The consumption of certain commodities is larger than production, a healthy sign. Several industries have shown increases rather than the usual seasonal decreases.

On the other hand automotive production declined in June and all indications are for a further decline in July, steel suffers because of the drop in automotive production; building continues depressed.

Asbestos. Raw Material.

The raw asbestos market has shown little change since last month and for some weeks past has been more or less stationary. Shipments, tho still deplorably small, have been on a slightly better scale during the past two or three months. Production in Canada remains on a greatly curtailed basis and it is apparently the policy of the mines to regulate production to demand insofar as it is possible to do so.

Manufactured Asbestos Goods.

Textiles. This field is in the worst shape of any asbestos product. Prices are down to an appallingly low level and demand is stagnant. As a result sales practically have ceased to exist and there is no telling when an upturn may be expected. Any rise in the price of crude asbestos would, no doubt, increase the demand for asbestos textiles, but

— A S B E S T O S —

Allbestos

CORPORATION

MANUFACTURERS OF ASBESTOS TEXTILES

SPECIALIZING IN ASBESTOS
YARNS OF SUPERIOR QUALITY
FOR
PARTICULAR REQUIREMENTS



Woven Brake Lining and Allied Products
Non-Ferrous Cloth
Plain Cloth
Asbestos Tapes and Wiping Cords
Asbestos Wick and Rope
Pure Asbestos Carded Fibres



*Manufactured in Our Own Plant from
the Raw Materials*

Allbestos Corporation

21st St. and Godfrey Ave., Germantown
PHILADELPHIA, PA.

ASBESTOS

there seems to be little or no likelihood of this occurring in the near future.

Asbestos Brake Lining. The demand here continues very slack. This should be the very best time of the year on this commodity but the demand is very slight, indeed, and sales correspondingly slow. It is to be feared that any pick-up in general conditions will not affect Asbestos Brake Lining this year. Probably no real upturn will be felt before next spring. The field seems to continue to be split among several different classes of lining which chaotic condition greatly hinders the sale of this product.

Asbestos Packings. The demand here seems to have fallen off from last month. From last year the demand is down at least 30%. There is little indication of any real demand for this product until fall.

Insulation. High Pressure. Sales continue to lag far behind normal but much large work is being planned and Fall demand is expected to be quite brisk.

Prices are steady but, on present volume, not profitable.

Low Pressure. This field appears to be the most favorable of any. One of our correspondents reports that the month of May was the best they had had in this commodity for some time, June was better than May and there is every indication that July will go ahead of June. So far as price is concerned, nervousness is noticed in some quarters, but really prices are holding fairly well.

Paper and Millboard. Practically the same remarks made on the Low Pressure Insulation market apply for Paper and Millboard. Demand is increasing slightly in both commodities month by month and prices are fairly firm.

Asbestos Cement Products A slight seasonal increase is seen in the market for asbestos cement shingles and prices are stable. Not much improvement can be expected, however, until building activity improves. At present re-roofing constitutes the bulk of the shingle business and due to the depressed conditions in general, many people do not have the money to reroof their buildings, preferring to patch them up.

Corrugated Sheathing is holding up fairly well, it keep-

ASBESTOS



AMERICAN ASBESTOS COMPANY



Manufacturers of
Asbestos Textiles

NORRISTOWN, PA., U. S. A.

Headquarters for
**Yarns, Cloth, Tapes, Fibres, Brake
Linings and Textiles Generally**

WRITE FOR PRESENT PRICES

ASBESTOS

ing about the same level for the last three months. Asbestos Lumber or Wood remains rather constant in demand, nor is there any change in price.

Generally speaking, the Asbestos Industry seems to be showing some improvement. In a release just made by the Russell Manufacturing Company, an increase of 47.5% for the period of March 25 to June 10th is announced over the previous twelve week period, in the replacement sales of Rusco brake linings to motorists. An earlier release states that the April and May business of the company exceeded that for the preceding three months by a very wide margin, all managers reporting a definite improvement in their territories. Johns-Manville Corporation found their April business equal to the entire first quarter, and May and June showed still further gains.

Note: The above represent the opinions of various men in the Industry closely in touch with the several markets. We would be glad to publish any comments if you do not agree with the opinions expressed.

ASBESTOS STOCK QUOTATIONS

(Figures supplied thru the courtesy of Edward G. Wyckoff & Co., 1528 Walnut St., Philadelphia).

	Par	Div.	June 1931		Last
			High	Low	
Asb. Corp. (Com.)	np	—	.30	.25	.30
Asb. Corp. (Pfd.)	100	7	No Sales		
Carey (Com.)	100	8	No Sales		
Carey (Pfd.)	100	6	110½	110½	110½
Certainteed (Com.)	np	—	6	3½	6
Certainteed (Pfd.)	100	7	25½	25	25
Garlock Packing (6s 1939)	100	6	90	86	88
Garlock Pkg. (Com.)	np	—	14½	13½	14½
Johns-Manville (Com.)	np	3	61	42½	59½
Johns-Manville (Pfd.)	100	7	118¾	99½	118
Raybestos-Manhattan Inc. (Com.)	np	—	24	17½	22½
Ruberoid (Com.)	np	4	38½	35	37
Thermoid (Com.)	np	—	5	4	4¾
Thermoid (Pfd.)	100	7	15½	15½	15½
Thermoid (6s 1934)	100	6	62	50	55

FOREIGN AGENCY DESIRED

For
ASBESTOS PRODUCTS OR ENGINEERING SPECIALTIES
STONE INDUSTRIAL EQUIPMENT COMPANY
 SPRINGFIELD, MASS.

A S B E S T O S

**RUSSIAN
ASBESTOS**

OF

ALL GRADES RANGING FROM
FINEST CRUDES TO SHORTS.

SUITABLE FOR THE MANUFACTURE
OF TEXTILES, SHINGLES, MOULDED
BRAKE LININGS, 85% MAGNESIA
COVERINGS, ETC.

FREE FROM GRIT OR TALC
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ASBESTOS



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Vice President



H. W. KELSEY
Purchasing Agent



W. T. PALMER
*Mgr. Replacements and
Equipment Depts.*



DANIEL E. WEEDON
Treasurer and General Mgr.

RUSSELL MFG. COMPANY

Changes in Rusco Personnel

The Russell Manufacturing Company of Middletown, Conn., manufacturers of asbestos brake linings and over 400 other fabric products, have recently made several changes in their executive personnel.

As announced last month Daniel E. Weedon has succeeded William C. Fisher as Treasurer and General Manager, Mr. Fisher having been elected Vice President. Their photographs appear on the opposite page.

H. W. Kelsey has been with the company since 1896, holding various positions. Since 1915 he has been general sales manager; now he is promoted to take charge of all its purchases.

W. T. Palmer, formerly manager of the Replacements Department, has been promoted to the position of Manager of the Replacements and Equipment Departments. In ten years Mr. Palmer has built up the sales of Rusco brake linings to the public (prior to that time their sales were confined to automobile manufacturers) from practically nothing to \$4,000,000, sold thru more than 40,000 dealers and authorized service stations and 225 factory sales representatives.

Fred W. Shibley (whose photograph, unfortunately, we were not able to obtain) has been elected a director of the Russell Manufacturing Company. Mr. Shibley is vice president of the Bankers Trust Company of New York City, is extremely well known in banking circles as an expert on industrial affairs, and is the author of *The New Way to Net Profits* and other important works on business topics.

Anyway when we kick at the price of an airplane license they cannot tell us the money is needed for the roads which the airplane helps to wear out.

AUTOMOMILE PRODUCTION

Automobile Production during May declined somewhat, from 352,867 motor vehicles produced in the United States and Canada during April to a total production for May of 327,853.

During May 1930 total production was 444,699.

ASBESTOS

New Products

(Or Variations of Old Ones)

Samples of the articles described may be obtained by addressing the manufacturers thereof.

Ruberoid Pipe Line Felts

Pipe Lines at times encounter the severest of conditions. Soils alternately wet and dry, high clay soils, distortion and soil stresses, marshy and rocky soils where water is constantly surrounding the pipe, all have disastrous effects on pipes, or would have if some protective covering or coating were not used.

The Ruberoid Company have recently placed on the market their 99% Pure Asbestos Tar (or Asphalt depending on accompanying treatment of pipe) Felt, designed to give full protection to pipes no matter what conditions they must withstand.

These felts are made of 99% Pure Canadian Asbestos fibre base, free from rags, hair, wood or paper stocks or any other foreign fillers that are destructible in any part underground. They are of high tensile and mullen strength.

A pipe covered first with Ruberoid Tar Primer, then with Imperial Pipe Enamel, over which the 99% Pure Asbestos Felt is applied, and finished off with Imperial Pipe Enamel, is perfectly protected from the many severe conditions encountered in the laying of pipe lines.

Woolfelt with a Universal Liner—By Norristown.

Why manufacture two different types of an article when one will take the place of both?

It has long been the custom to make a wool felt pipe covering suitable for hot water insulation, and another type of the same kind of covering for cold water work.

The only difference in these two articles was the kind of liner used on the inside of the covering next to the pipe. Asbestos lined wool felt is used for hot water conditions; the asbestos being necessary because fireproof, while tar lined woolfelt was used for cold water, the tar lining desirable because waterproof.

On July 1st the Norristown Magnesia & Asbestos

ASBESTOS

Company put on the market woolfelt covering with a universal liner—one that could be used on either hot or cold water work. The universal will withstand a temperature of 350 degrees, very satisfactory for hot water conditions, and as it is absolutely waterproof it can also be used for cold water. It is a composition material containing some asbestos fibre, applied to the inside of the covering at time of manufacture.

The advantages of carrying but one type of covering for both hot and cold water jobs are obvious. It just cuts the stock of the distributor or insulation contractor in half, and makes all the savings, both to manufacturer and distributor, that simplification generally accomplishes.

A Packing for Every Condition

Metalastic, Inc., 546-39th St., Union City, N. J., has long deplored the fact that there is such a bewildering array of packing materials from which the busy, harassed engineer must choose to suit his particular purpose. In the midst of his many other problems, he must often take time, which could be profitably used in other directions, to study the various packings on the market (and their name is legion) and decide which will best do the job he has in mind.

A new packing, known as the new Metalastic, is therefore being introduced to that part of the public using packing, by Metalastic, Inc., and it is claimed that this is a truly universal packing. Not only is it suitable for any fluid or any gas but likewise for any pressure and any temperature.

It is an asbestos product. In fact, it is simply fibrous asbestos particles, thoroly coated with a metal of peculiar qualities, thoroly lubricated and bonded together under pressure and made into coil form.

The metal which coats the asbestos resists corrosion from acids, alkalies and electrolysis and withstands temperature in excess of 1200° F. Moreover, it possesses the peculiar and desirable property of expansion upon cooling.

And there is no trick about applying it either. Can either be wound spirally or cut into rings. Indeed the new Metalastic gives real service in every direction.

Asbestos Fibre

*for the manufacture
of*

Roofing Cements • Fibrous Paints
Filtration Packings
Asbestos Shingles and Lumber
Insulating Cements
Asbestos Paper • Pipe Coverings
Asbestos Millboard
High Temperature Cements

**THE QUEBEC ASBESTOS
CORPORATION**



Office and Mines

**EAST BUGHTON, PROVINCE of QUEBEC
CANADA**

ASBESTOS



Africa (Rhodesia).

(Statistics published by Rhodesia Chamber of Mines).

	April 1931	
	Tons (2000 lbs.)	Value
<i>Bulawayo District</i>		
Nil Desperandum (Afr. Asb. Mng. Co. Ltd.)	440.00	£ 5,500 0 0
Ormonde (J. S. Hancock)	12.55	156 18 6
Shabanie (Rho. & Gen. Asb. Corp. Ltd.)	1,987.90	24,848 15 0
<i>Victoria District</i>		
Gath's (Rho. & Gen. Asb. Corp. Ltd.)	198.51	2,456 7 6
King (Rho. & Gen. Asb. Corp. Ltd.)	183.24	2,315 10 0
King—declared from reserve stock	99.67	1,245 18 9
Regina A (Afr. Asb. Mng. Corp.)	54.00	675 0 0
	2,975.87	£37,198 9 9
April 1930	2,515.78	£51,931 2 0

Africa (Union of South).

(Statistics published by Dept. of Mines & Industries of U. of S. A.)

	April 1930		April 1931	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
<i>Transvaal</i>				
Amosite	386.00	£ 4,511	286.90	£ 2,869
Chrysotile	1,145.00	17,253	868.00	12,222
<i>Cape</i>				
Blue	626.42	16,101	319.77	9,890
	2,157.42	£37,865	1,474.67	£24,891

Canada.

(Statistics published by Dominion Bureau of Statistics).

April 1931	13,924 tons (2000 lbs.)
April 1930	23,825 tons (2000 lbs.)



ASBESTOS



IMPORTS AND EXPORTS



Imports Into U. S. A.

Unmanufactured Asbestos.

	May 1930		May 1931	
	Tons	Value	Tons	Value
Africa (Br. S.)	99	\$14,848	77	\$7,386
Africa (Port. E.) .....	...	...	108	24,000
Canada	17,287	573,819	8,945	280,484
Germany	50	9,592	...	...
Italy	9	982	...	...
Russia .....	...	...	208	20,975
United Kingdom	6	3,092	241	49,258
	17,451	\$602,333	9,579	\$382,103

Tabulation of Crude Only

All above is Crude except Canada which is divided as follows:

Crude (Canada)	168	60,922	35	9,280
Mill Fibre (Canada)	6,987	352,611	3,913	194,013
Lower Grades (Canada) .	10,132	160,286	4,997	77,191

Manufactured Asbestos Goods:

	May 1930		May 1931	
	Pounds	Value	Pounds	Value
Yarn				
Germany	1,250	\$ 736	...	...
United Kingdom .....	...	...	996	\$ 543
Fabrics, Woven				
Netherlands	446	305	...	...
United Kingdom	1,175	1,534	...	...
Packing, Fabric				
Germany .....	...	...	232	139
Italy .....	...	...	54	78
United Kingdom .....	...	...	4,533	2,673
Packing, not Fabric				
Canada .....	...	...	15	5
Germany	3,774	2,311	778	165
Hungary .....	...	...	789	263
Netherlands	250	61	...	...
United Kingdom	8,562	3,548	1,581	1,054
Paper and Millboard—none				
Shingles, Plain*				
Belgium	739,055	10,188	91,350	1,260
Lumber of Asbestos Cement				
Belgium	35,274	2,576	...	...
Canada	43,305	1,982
Italy	29,912	1,554

* 1930 figures not divided as to plain or colored.

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Asbestos millboard

Moulded brake lining

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	May 1930		May 1931	
	Pounds	Value	Pounds	Value
<i>Articles in part of Asbestos, colored, etc.</i>				
Belgium .....	...	...	3,400	\$ 102
France .....	...	...	198	18
Asbestos Cement	2,000	35	...	...
<i>Pipe Covering and Asbestos Cement</i>				
United Kingdom .....	...	...	85,599	\$ 9,432
<i>Other Manufactures</i>				
Canada	2,198	127	...	...
	867,201	\$24,957	189,525	\$15,732

Exports from U. S. A.

During April¹ 1931, 64 tons of Unmanufactured Asbestos, valued at \$4,678, were exported; 54 tons, valued at \$15,348 were exported during April 1930.

Exports of Manufactured Asbestos Goods:

	April ¹ 1930		April ¹ 1931	
	Pounds	Value	Pounds	Value
Paper, Mlbd. & Rollboard	133,803	\$ 10,953	116,596	\$ 11,410
Pipe Covering & Cement	676,117	43,298	353,405	19,849
Textiles, Yarn & Packing	193,004	95,169	154,495	75,349
Brake Lining ²	678,024	138,993	...	...
Molded and Semi-Molded ² .....	...	...	...	37,772
Not Molded ² .....	...	...	521,360	98,673
Magnesia & Mfrs. of ...	580,123	35,461	361,262	24,612
Asbestos Roofings ³	5,302	30,539	804	4,869
Other Manufactures ...	305,360	36,903	349,167	35,972

¹ Exports one mo. behind Imports. ² Lin. ft. ³ Squares.

Exports of Raw Asbestos from Canada.

	May 1930		May 1931	
	Tons	Value	Tons	Value
	(2000 lbs.)		(2000 lbs.)	
United Kingdom	210	\$ 14,825	163	\$ 12,095
United States	7,888	450,813	3,609	185,244
Australia	6	300	50	3,500
Belgium	1,839	106,218	435	24,182
France	652	41,915	326	26,691
Germany	503	36,836	927	70,526
Italy	263	22,600	...	...
Japan	900	48,490	258	15,190
Netherlands	76	7,567	149	9,510
Spain .....	...	...	50	3,100
	12,337	\$729,564	5,967	\$350,038

A S B E S T O S

Asbestos Sand and Waste

United Kingdom	70	1,625	195	4,740
United States	11,054	164,604	6,438	87,663
Belgium	160	3,000	30	750
France	150	2,625	175	3,510
Germany	260	6,425	155	3,691
Italy	50	1,250	...	...
Japan	10	250	10	200
Netherlands	30	750	63	1,575
Spain	11	138	...	...
	11,795	\$180,667	7,066	\$102,129
	24,132	\$910,231	13,033	\$452,167

Imports and Exports by England.

Imports of Raw Material:

	May 1930		May 1931	
	Tons	Value	Tons	Value
	(2240 lbs.)		(2240 lbs.)	
From Rhodesia	1,118	£50,386	1,298	£42,606
From Canada	432	9,290	511	6,359
From Other Countries	1,294	32,135	935	25,643
	2,844	£91,811	2,744	£74,608
Re-Shipments	38	1,650	100	2,975

Exports of Manufactured Asbestos Goods:

To Netherlands	183	£ 8,040	40	£ 3,736
To France	109	11,020	47	5,026
To U. S. of America	8	2,513	5	1,146
To British India	405	13,067	647	11,870
To Australia	24	4,604	7	1,074
To Other Countries	1,669	77,508	1,186	53,680
	2,398	£116,752	1,932	£76,532

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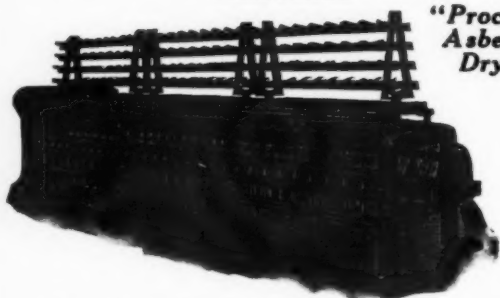
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NEWS OF THE INDUSTRY

Birthdays. Our birthday list this month contains the following names: Ray L. Smith, President, Smith-Faris Co., Youngstown, O., July 20th; H. C. Bonney, Vice President, Ruber-old Company, New York City, July 24th; George R. Weber, Treasurer, United States Asbestos Co., Manheim, Pa., July 25th; E. H. Pierce, Secretary, Plant Rubber & Asbestos Works, July 27th; S. R. Zimmerman, President, United States Asbestos Company, August 1st; William G. Kitchen, President, Allbestos Corporation, Germantown, Philadelphia, Pa., August 2nd; A. P. Keasbey, President, Robert A. Keasbey Co., New York City, N. Y., August 6th; Paul C. Collopy, President, Acme Asbestos Covering & Flooring Co., Chicago, Ill., August 8th; O. W. Trumbull, Production Manager, Asbestos Textile Co., North Brookfield, Mass., August 12th.

Russell Mfg. Company of Middletown, Conn., announce the appointment of the Frazier Supply Company, 119 E. Elm Street, Union City, Ind., as distributors of their entire line.

Reid Hayden, Inc., with headquarters at 105 Cheapside, Baltimore, Md., has recently opened a new warehouse at 1231 W. Morehead Street, Charlotte, N. C. They have another branch at 306 E. Main St., Richmond, Va. Note also that they have dropped the "W" from their corporate name, their former title being W. Reid Hayden, Inc.

Canadian Asbestos Company of Montreal, P. Q., Canada, will be glad to exchange catalogs with any and all manufacturers thruout the world. Address them at 316-322 Youville Square.

B. Marcuse, President and Manager, left for a trip to Europe during the week of June 23rd, business and pleasure combined.

Insulation Club of Chicago held its first seasonal Golf Tournament at the Commodore Barry Country Club, Twin Lakes, Wis., on June 4th and 5th. Altho some of the real "golf bugs" have been playing practically the entire winter, some of the "honest to goodness" amateurs who only play golf on occasions like this were in need of adding machines before they completed the second round. The prize winners and headliners in the various divisions were as follows:

L. O. Krez of Paul J. Krez Company	74
E. C. O'Connor of Asbestos & Magnesia Matls. Co. ..	80
F. P. Kuchenbecker of Asb. & Mag. Matls. Co.	87
Matthew J. Fitzgerald of Standard Asb. Mfg. Co.	88
R. A. Marshall of Central Asb. & Magnesia Co.	90
W. J. Donahoe	93
George B. Golinken of Chicago Asb. Mfg. Co.	96
John P. O'Malley of Standard Asbestos Mfg. Co.	101
W. J. Bristow of Illinois Fireproof Covering Company	102

ASBESTOS

V. C. Muessman, President, Muessman Asbestos Mfg. Company of Woodside, L. I., N. Y., met with a serious accident a few weeks ago while driving from his home to the factory of the Car De Van Paper Company at Stockport, N. Y., in which latter company Mr. Muessman is also interested.

Mr. Muessman, E. T. Connell of the Connell Asbestos Mfg. Company, J. M. High of the Norristown Magnesite & Asbestos Company, together with Mrs. Muessman and her mother, Mrs. Fowler, as well as Mr. and Mrs. Muessman's two children were driving from Long Island to Stockport on the evening of June 5th, planning to spend the following day going thru the factory at Stockport. Just outside of Poughkeepsie the car skidded, running into and over a stone wall. Mrs. Fowler was the most seriously injured and is still in the hospital; Mr. Muessman suffered a bad injury to one hand; Mr. Connell had some ribs broken and other injuries and was confined to the hospital for two weeks; Mr. High escaped with minor cuts and bruises, and the children were not seriously hurt. All, with the exception of Mrs. Fowler are reported to be rapidly recovering at this date.

African Mines. Gath's, King and the Regina Mine in the Mashaba District have been closed down, as of May 15th, the action being due to the falling off in the demand for asbestos. About 50 Europeans and 2800 natives have hitherto been employed in these three mines. No curtailment in the Shabani Mines is contemplated at present, the superior quality of the fibre mined at Shabani having good demand.

Raybestos-Manhattan, Inc., of Bridgeport, Conn., recently offered a prize of \$1500 for a name or descriptive letter to be used as a new name for Raybestos Silver Edge Molded Brake Lining. The requirements were that the name must be original, brief, easily remembered, descriptive and suggestive of the characteristics of the lining. The contest closed July 1st, but up to time of going to press the winning name had not been announced. Prizes were also offered for letters telling why Raybestos Molded Lining is better than other molded lining.

Asbestos & Holdings Trust. Petition for the compulsory winding up of Asbestos & Holdings Trust, has been dismissed by the British Courts. A meeting of the shareholders will be held four months hence for the purpose of electing directors, the four months' period being fixed in order that persons desiring to appoint other persons as directors should have an opportunity of qualifying them three months before.

Mohawk Asbestos Shingles, Inc., of Oneida, N. Y., announce that the Creo-Dipt Company, Inc., North Tonawanda, N. Y., have entered into a sales arrangement with Mohawk Asbestos Shingles, Inc., whereby they will take over the sales and marketing of the product of the latter company. Mohawk Shingles will therefore be advertised and marketed on a larger scale

ASBESTOS

than heretofore, with the aid of the Creo-Dipt organization.

W. A. Rukeyser vs. A. V. MiKadze of Amtorg. According to notices in various New York newspapers, W. A. RuKeyser, Mining Engineer, with offices at 342 Madison Avenue, New York City, recently brought suit, in the amount of \$250,000 against A. V. MiKadze, Vice President of the Amtorg Trading Corporation in New York City, charging conspiracy to bring about a breach of contract and to steal patents, processes and ideas.

Mr. RuKeyser's contract with Amtorg, Soviet representative of Uralasbest, is said to have covered the period from June 17, 1930 to July 16, 1932, the rate of salary being \$30,000 a year.

Mr. RuKeyser, whose work lay in the Ural Mountains, was recalled to Moscow in December 1930, advised that he had been discharged and was given five days to get out of Russia. He had this extended, placed his case before the Supreme Council of National Economy at Moscow, which body abrogated the cancellation and reinstated the contract. RuKeyser returned to the United States during January, 1931, with the understanding that he was to go back to Russia in three months but he has never been able to get anything definite from the Amtorg since reaching here, altho he received a payment on account in March. Negotiations were continued until June 25th, when, learning that MiKadze was to leave for Russia in a few days, RuKeyser brought suit.

Charles Vernon Smith, formerly of Thetford Mines, P. Q., Canada, is said to have supplanted RuKeyser in Russia.

The Amtorg Corporation in a general statement to newspapers, dated June 30th, claims that the agreement made between Mr. RuKeyser and Uralasbest, specified the method by which it could be annulled by either party, and that RuKeyser has never made any claims in the manner provided for in the agreement. Amtorg also claims that the agreement provided for the turning over to the employer any of his patents, or data existing at the time of making the agreement or those developed during its operation, and that, according to information received from Uralasbest, the latter has not received from RuKeyser descriptions, blue prints, plans or processes relating to asbestos production. Mr. MiKadze claims that he himself has nothing to do with RuKeyser's agreement, it having been made with Uralasbest acting thru the Amtorg Trading Corporation.

Undoubtedly the developments in this suit will be watched with a great deal of interest by the whole asbestos industry.

Asbestos Corporation Limited. Holders of first mortgage bonds of this company, have received a letter from the Bondholders Protective Committee which reads in part as follows:

"It is evident the company will not be able to pay the interest on its first and refunding mortgage bonds on July 1 and while your committee does not feel inclined to extend the already granted delay any longer, it does not think it would be in the best interests of the bondholders to cause immediate foreclosure

ASBESTOS

and liquidation. It is proposed, therefore, to let the management continue operations with the bonds in default and the security enforceable at any time the committee deems it wise."

The committee was satisfied, the letter stated, that operations were being satisfactorily and economically carried on, and that every attention is being given to the selling policies and to lowering the operating costs. Recovery of earning power, it said, is now dependent largely on recovery from present depression in business conditions.

Standard Asbestos Manufacturing Company have appointed Nathan A. Gibson as their representative in the north eastern part of the State of Michigan. Mr. Gibson's office is at 2998 Waverly Avenue, Detroit, Michigan.

PATENTS

Insulating Material, Process of Making. No. 1,799,255. Granted on April 7th, to Arthur J. Russ, Oakdale, Pa., assignor to Armstrong Cork Company, Pittsburg, Pa. Original Application filed May 6, 1926. Serial No. 107,287. Divided and this application filed April 15, 1927. Serial No. 184,175.

Described as the process of making a composite insulating material comprising laying down a substantially dry facing mix of cementitious material, placing the body material thereover, the body material comprising a diatomaceous earth mix having water therein and utilizing the liquors from the body material in the facing mix.

Asbestos Insulating Tape. No. 1,803,840. Granted on May 5th to Osborn H. Cilley, Manheim, Pa., assignor to United States Asbestos Company, Manheim, Pa. Filed September 22nd, 1920. Serial No. 307,632.

Described as material for covering pipes and the like, consisting of flat tubular tape of woven fabric, each face of the tape presenting a diagonal twill and a pad for the tape.

Friction Material. No. 1,803,448. Granted on May 5th, 1931, to Rudolf L. R. Wild, Chicago, Ill., Assignor to Union Asbestos & Rubber Company, Chicago. Filed November 29, 1929. Serial No. 410,625.

Described as a woven brake lining comprising a plurality of transverse filler threads, a plurality of longitudinal warp threads interwoven with the filler threads to form plies of fabric, a plurality of binder threads successively interwoven with the filler threads of different plies and extending longitudinally of the lining and a plurality of soft, metallic wires extending longitudinally of said lining and exposed at regularly spaced points on the surface of said lining, said wires extending diagonally between pre-determined points on one side of said lining to form exposed metallic surfaces of substantially constant area when the lining is worn down.

ASBESTOS

THIS AND THAT

Does anyone know the Asbestos Transportation Company— who they are and where located?

Mr. Brown of The Carey Company, Cleveland, was down at Carey's plant at Cincinnati during June.

Upon greeting him, Mr. Steffens remarked on his healthy coat of tan. "What have you been doing with yourself, Brown? Playing a lot of golf?"

"No", said Brown, "only waiting on the corner for the street cars."

Sounds like a Philadelphia tale.

If worry got us anywhere, some of us would be paying much larger income taxes.—*Rays of Sunshine.*

The International Congress for Testing Materials will be held from September 6th to 12th, in Zurich, Switzerland, in the buildings of the Swiss Federal Polytechnicum.

Meditation is what we call idleness if we catch anybody else at it.

An inquiry has been received for platinum asbestos paper, which we interpret to mean "Platinized asbestos fibre". If manufacturers of either of these materials will get in touch with us we will be glad to give them the name of the inquirer. Platinized asbestos fibre is, we believe, used in laboratory work, particularly in connection with filtering.

Pages 27 to 31 inclusive of this issue finish the Topical Index. We suggest that those of you who wish to keep this index handy for reference, take the April, May, June and July issues, loosen the wire stitching in the center, take out the pages on which this topical index appears, and then fasten together with paper fasteners.

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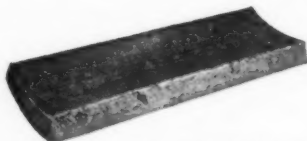


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